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(54) **GLOVE INTERFACE OBJECT**

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(57)   **ABSTRACT**

A glove interface object is provided, comprising: at least one
flex sensor configured to generate flex sensor data identifying
a flex of at least one finger portion of the glove interface
object; at least one contact sensor configured to generate
contact sensor data identifying a contact between a first por-
tion of the glove interface object and a second portion of the
glove interface object; a communications module configured
to transmit the flex sensor data and the contact sensor data to
a computing device for processing to determine a finger posi-
tion pose of the glove interface object, the finger position pose
being applied for rendering a virtual hand in a view of a virtual
environment on a head-mounted display (HMD), the virtual
hand being rendered based on the identified finger position
pose.